

10/531,85-1

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(FILE 'HOME' ENTERED AT 15:16:56 ON 16 JUL 2007)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 15:17:41 ON 16 JUL 2007

L1 453216 S COLLAGEN OR COLLAGEN(3A)ISOFORM OR A1(3A)APOLIPOPROTEIN OR A1
L2 122 S (TREAT? OR REDUC? OR DECREAS? OR AMELIORAT? OR INHIBIT?)(5A)V
L3 11 S L1 AND L2
L4 11 DUP REM L3 (0 DUPLICATES REMOVED)

=> d au ti so pi 1-11 14

L4 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
IN Gonzales, Gilbert R.; Devore, Dale; Srivastava, Suresh
TI Methods and therapies for treating inflammatory conditions with exposed collagen

SO U.S. Pat. Appl. Publ., 8pp.

CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2007071676	A1	20070329	US 2006-534847	20060925
WO 2007038641	A2	20070405	WO 2006-US37764	20060926
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

L4 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN

IN Weadock, Kevin S.; Rousseau, Robert A.

TI Methods and devices for treating vulnerable plaque

SO Can. Pat. Appl., 22pp.

CODEN: CPXXEB

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2569428	A1	20070530	CA 2006-2569428	20061129
JP 2007152096	A	20070621	JP 2006-321914	20061129
EP 1806107	A1	20070711	EP 2006-256108	20061129
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				

L4 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN

IN Sung, Hsing-Wen; Liang, Hsiang-Fa; Huang, Chin-Tsung; Tu, Hosheng

TI Drug eluting stents made from crosslinked biodegradable materials and drugs

SO U.S. Pat. Appl. Publ., 46 pp., Cont.-in-part of U.S. Ser. No. 916,170.

CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006034885	A1	20060216	US 2004-929047	20040827
US 2005019404	A1	20050127	US 2004-916170	20040811

L4 ANSWER 4 OF 11 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AU Zhong, Lin [Reprint Author]; Ji, Xiao Ping; Zhang, Mei; Zhang, Yan; Liu,

Chun Xi; Yao, Gui Hue; Zhang, Peng Fei; Zhang, Yun
TI Dominant-negative mutation of monocyte chemoattractant protein-1 prevents
vulnerable plaques from rupture.
SO Circulation, (OCT 31 2006) Vol. 114, No. 18, Suppl. S, pp. 88-89.
Meeting Info.: 79th Annual Scientific Session of the American-Heart-
Association. Chicago, IL, USA. November 12 -15, 2006. Amer Heart Assoc.
CODEN: CIRCAZ. ISSN: 0009-7322.

L4 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
IN Hossainy, Syed Faiyaz Ahmed; Tang, Yiwen; Borgankow, Harshad; Desnoyer,
Jessica Renee; Pacetti, Stephen D.
TI Methods for modulating thermal and mechanical properties of coatings on
implantable devices
SO U.S. Pat. Appl. Publ., 18 pp.
CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2005245637	A1	20051103	US 2004-835656	20040430
WO 2005110508	A2	20051124	WO 2005-US14511	20050427
WO 2005110508	A3	20060526		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1755698	A2	20070228	EP 2005-741085	20050427
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
US 2005288481	A1	20051229	US 2005-187467	20050722

L4 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
IN Sung, Hsing-Wen; Chen, Mei-Chin; Tu, Peter Y.; Tu, Hosheng
TI Drug-eluting stent having collagen drug carrier chemically
treated with genipin
SO U.S. Pat. Appl. Publ., 35 pp., Cont.-in-part of U.S. Ser. No. 717,162.
CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2005123582	A1	20050609	US 2004-811413	20040326
WO 9819718	A1	19980514	WO 1997-US20113	19971104
W:	CA, CN, JP, US			
RW:	AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
EP 1260237	A1	20021127	EP 2002-19186	19971104
R:	DE, FR, GB, IT			
US 6608040	B1	20030819	US 2001-297808	20010927
US 6624138	B1	20030923	US 2002-211656	20020802
US 2003191071	A1	20031009		
US 2005163818	A1	20050728	US 2003-610391	20030630

L4 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN
IN Sung, Hsing-Wen; Chen, Mei-Chin; Tu, Peter Y.; Tu, Hosheng
TI Biodegradable stent with crosslinked bioactive agent for slow release
SO U.S. Pat. Appl. Publ., 45 pp., Cont.-in-part of U.S. Ser. No. 610,391.
CODEN: USXXCO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2005019404	A1	20050127	US 2004-916170	20040811

US 2005163818	A1	20050728	US 2003-610391	20030630
US 2006034885	A1	20060216	US 2004-929047	20040827
US 2005163821	A1	20050728	US 2005-906239	20050210
WO 2006033686	A1	20060330	WO 2005-US19930	20050608

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

L4 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN

IN Carlyle, Wenda; Tremble, Patrice

TI Gene therapy for treating vulnerable plaque associated with a blood vessel

SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037295	A1	20040506	WO 2003-US29062	20030916
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003270688	A1	20040513	AU 2003-270688	20030916
US 2005260157	A1	20051124	US 2005-531851	20050418

L4 ANSWER 9 OF 11 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AU Ma, Xuan [Reprint Author]; Thiemann, Patti; Claesson, Laura; Cheong, Wai-Fung

TI Motexafin lutetium phototherapy with low fluences promotes plaque regression and stabilization.

SO Circulation, (OCT 26 2004) Vol. 110, No. 17, Suppl. S, pp. 490-491. Meeting Info.: 77th Scientific Meeting of the American-Heart-Association. New Orleans, LA, USA. November 07 -10, 2004. Amer Heart Assoc.

CODEN: CIRCAZ. ISSN: 0009-7322.

L4 ANSWER 10 OF 11 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AU de Nooijer, Ramon [Reprint Author]; Verkleij, Chantal J.; von der Thuesen, Jan H.; Jukema, Wouter J.; van der Wall, Ernst E.; van Berkel, Theo J.; Baker, Andrew H.; Biessen, Erik A.

TI Lesional overexpression of matrix metalloproteinase-9 promotes intraplaque hemorrhage in advanced lesions, but not at earlier stages of atherogenesis.

SO Circulation, (OCT 26 2004) Vol. 110, No. 17, Suppl. S, pp. 246. Meeting Info.: 77th Scientific Meeting of the American-Heart-Association. New Orleans, LA, USA. November 07 -10, 2004. Amer Heart Assoc.

CODEN: CIRCAZ. ISSN: 0009-7322.

L4 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2007 ACS on STN

IN Brown, David L.

TI Medical devices and compositions for treating vulnerable plaque

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002072014	A2	20020919	WO 2002-US7244	20020308
	WO 2002072014	A3	20030424		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
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	GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,				
	GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002254158	A1	20020924	AU 2002-254158	20020308
	US 2003004141	A1	20030102	US 2002-96131	20020308

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FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 15:17:41 ON 16 JUL 2007

L1 453216 S COLLAGEN OR COLLAGEN(3A)ISOFORM OR A1(3A)APOLIPOPROTEIN OR A1
L2 122 S (TREAT? OR REDUC? OR DECREAS? OR AMELIORAT? OR INHIBIT?) (5A)V
L3 11 S L1 AND L2
L4 11 DUP REM L3 (0 DUPLICATES REMOVED)
L5 5825 S (TREAT? OR REDUC? OR DECREAS? OR AMELIORAT? OR INHIBIT?) (5A)P
L6 286725 S BLOOD(W)VESSEL
L7 10 S L1(10A)L5
L8 44 S L1(P)L5
L9 5 S L8 AND L6
L10 0 S L6 AND L7
L11 62 S L1 AND L5
L12 5 S L11 AND L6
L13 4 DUP REM L12 (1 DUPLICATE REMOVED)
L14 5 DUP REM L7 (5 DUPLICATES REMOVED)

=> d au ti so pi 1-4 l13

L13 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
AU He, Lin; Game, Bryan A.; Nareika, Alena; Garvey, W. Timothy; Huang, Yan
TI Administration of Pioglitazone in Low-Density Lipoprotein
Receptor-Deficient Mice Inhibits Lesion Progression and Matrix
Metalloproteinase Expression in Advanced Atherosclerotic Plaques
SO Journal of Cardiovascular Pharmacology (2006), 48(5), 212-222
CODEN: JCPCDT; ISSN: 0160-2446

L13 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
AU Zieman, Susan J.; Kass, David A.
TI Advanced glycation end product cross-linking: Pathophysiologic role and
therapeutic target in cardiovascular disease
SO Congestive Heart Failure (2004), 10(3), 144-151
CODEN: CHFAFZ; ISSN: 1527-5299

L13 ANSWER 3 OF 4 MEDLINE on STN DUPLICATE 1
AU Mitani Hironobu; Egashira Kensuke; Kimura Masaaki
TI HMG-CoA reductase inhibitor, fluvastatin, has cholesterol-lowering
independent "direct" effects on atherosclerotic vessels in high
cholesterol diet-fed rabbits.
SO Pharmacological research : the official journal of the Italian
Pharmacological Society, (2003 Nov) Vol. 48, No. 5, pp. 417-27.
Journal code: 8907422. ISSN: 1043-6618.

L13 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
AU Loebel, Petra; Schroer, Karsten
TI Stimulation of vascular prostacyclin and inhibition of platelet function
by oral defibrotide in cholesterol-fed rabbits
SO Atherosclerosis (Shannon, Ireland) (1989), 80(1), 69-79
CODEN: ATHSBL; ISSN: 0021-9150

=> d au ti so pi 1-5 l14

L14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
AU Apparailly, Florence; Verwaerde, Claudie; Jacquet, Chantal; Auriault,
Claude; Sany, Jacques; Jorgensen, Christian
TI Adenovirus-mediated transfer of viral IL-10 gene inhibits murine
collagen-induced arthritis
SO Journal of Immunology (1998), 160(11), 5213-5220
CODEN: JOIMA3; ISSN: 0022-1767

L14 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 1
 AU Swindell A C; Krupp M N; Twomey T M; Reynolds J A; Chichester C O
 TI Effects of doxazosin on atherosclerosis in cholesterol-fed rabbits.
 SO Atherosclerosis, (1993 Mar) Vol. 99, No. 2, pp. 195-206.
 Journal code: 0242543. ISSN: 0021-9150.

L14 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 2
 AU DeFronzo R A
 TI Insulin resistance, hyperinsulinemia, and coronary artery disease: a complex metabolic web.
 SO Journal of cardiovascular pharmacology, (1992) Vol. 20 Suppl 11; pp. S1-16. Ref: 123
 Journal code: 7902492. ISSN: 0160-2446.

L14 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 3
 AU DeFronzo R A; Ferrannini E
 TI Insulin resistance. A multifaceted syndrome responsible for NIDDM, obesity, hypertension, dyslipidemia, and atherosclerotic cardiovascular disease.
 SO Diabetes care, (1991 Mar) Vol. 14, No. 3, pp. 173-94. Ref: 307
 Journal code: 7805975. ISSN: 0149-5992.

L14 ANSWER 5 OF 5 MEDLINE on STN
 AU Ruan S Y; Wang X M
 TI Pathologic effect of lipid-lowering and vessel-softening medication in adult and aged rats.
 SO Zhong xi yi jie he za zhi = Chinese journal of modern developments in traditional medicine / Zhongguo Zhong xi yi jie he yan jiu hui (chou), Zhong yi yan jiu yuan, zhu ban, (1989 Nov) Vol. 9, No. 11, pp. 672-4, 646.
 Journal code: 8207427. ISSN: 0254-9034.

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Refine Search

Search Results -

Terms	Documents
L3 and L6	3

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Search History

DATE: Monday, July 16, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=PGPB,USPT; PLUR=YES; OP=AND</i>			
<u>L7</u>	l3 and l6	3	<u>L7</u>
<u>L6</u>	l1 with l2	4	<u>L6</u>
<u>L5</u>	l3 and l4	247	<u>L5</u>
<u>L4</u>	l1 and l2	555	<u>L4</u>
<u>L3</u>	blood adj vessel	82009	<u>L3</u>
<u>L2</u>	(treat\$ or reduc\$ or decreas\$ or inhibit\$ or ameliorat\$) near5 (ulnerable adj plaque or plaque near5 formation)	2754	<u>L2</u>
<u>L1</u>	collagen or collagen near3 isoform or a1 near3 apolipoprotein or a1 near3 apolipoprotein near5 isoform	72280	<u>L1</u>

END OF SEARCH HISTORY

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.**

☐ 1. 20010005720. 16 Apr 97. 28 Jun 01. METHOD OF TREATING CHRONIC PROGRESSIVE VASCULAR SCARRING DISEASES. STRIKER, GARY E., et al. 514/54; A61K031/715 A01N043/04.

☐ 2. 6187745. 01 Oct 98; 13 Feb 01. Method of preventing nephrotoxicity caused by cyclosporins and tacrolimus. Striker; Gary E., et al. 514/11; 514/54. A61K038/00 .

☐ 3. 5643892. 07 Jun 95; 01 Jul 97. Method of treating chronic progressive vascular diseases. Striker; Gary E., et al. 514/54; 536/122. A61K031/70 .

☐ 4. 4407795. 16 Jul 81; 04 Oct 83. Inclusion compound of p-hexadecylamino benzoic acid in cyclodextrin and method of use. Nicolau; Gabriela, et al. 514/58; 514/567 514/824 536/103 536/46. A61K031/73 C08B037/16 .

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Terms	Documents
L1 with L2	4

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☐ 1. [20010005720](#). 16 Apr 97. 28 Jun 01. METHOD OF TREATING CHRONIC PROGRESSIVE VASCULAR SCARRING DISEASES. STRIKER, GARY E., et al. 514/54; A61K031/715 A01N043/04.

☐ 2. [6187745](#). 01 Oct 98; 13 Feb 01. Method of preventing nephrotoxicity caused by cyclosporins and tacrolimus. Striker; Gary E., et al. 514/11; 514/54. A61K038/00 .

☐ 3. [5643892](#). 07 Jun 95; 01 Jul 97. Method of treating chronic progressive vascular diseases. Striker; Gary E., et al. 514/54; 536/122. A61K031/70 .

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Terms	Documents
L3 and L6	3

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